

In the Claims:

Please cancel claims 1-37 and add claims 38-41 without prejudice or disclaimer.

Claims 1-37. (canceled)

Claim 38. (new) An isolated nucleic acid probe of less than 10,000 contiguous nucleotides, wherein said probe hybridizes with a second nucleic acid comprising at least 20 contiguous nucleotides of a sequence selected from the group consisting of:

- a. nucleotides 1-115 of SEQ ID NO:8; and
- b. nucleotides 428-1011 of SEQ ID NO:8;

and further wherein the hybridization conditions comprise:

- i. overnight incubation at 42°C of a nucleic acid blot with said probe;
- ii. washing of said blot at room temperature with 2x SSC and 1%

Na₄P₂O₇;

- iii. washing of said blot at 65°C with 0.2 x SSC, 1% SDS, and 1%

Na₄P₂O₇; and

- iv. washing of said blot with 0.2x SSC at room temperature.

Claim 39. (new) The isolated nucleic acid probe of claim 1, wherein the probe hybridizes with a second nucleic acid comprising nucleotides 1-115 of SEQ ID NO:8.

Claim 40. (new) The isolated nucleic acid probe of claim 1, wherein the probe hybridizes with a second nucleic acid comprising nucleotides 428-1011 of SEQ ID NO:8.

Claim 41. (new) A complement of the isolated nucleic acid of claim 1.